

FORM PTO-1489 (Modified)		JUL 05 2005		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No.: DHI-07986		Serial No.: 10/699,936	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (37 CFR § 1.98(b))						Applicant: Laura Gillim-Ross et al.			
						Filing or 371(c) Date: 11/03/2003		Group Art Unit: 1648	
U.S. PATENT DOCUMENTS									
Examiner Initials	Cite No.	Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date		
MM	1	4,244,946	13 Jan 1981	Rivier et al.	424	177	11 Jun 1979		
	2	4,949,778	21 Aug 1990	Scitex Corp. - Ladner et al.	164 435	465 606	12 Jan 1989		
	3	5,270,163	14 Dec 1993	Gold et al.	435	6	17 Aug 1992		
	4	5,545,806	13 Aug 1996	Lonberg et al.	800	2	16 Dec 1992		
	5	5,569,825	29 Oct 1996	Lonberg et al.	800	2	17 Dec 1991		
	6	5,625,126	29 Apr 1997	Lonberg et al.	800	2	7 Dec 1994		
	7	5,760,029	2 Jun 1998	Jadhav et al.	514	211	13 Mar 1997		
	8	6,252,043	26 Jun 2001	Hession et al.	530	350	22 Sep 1994		
	9	6,376,172	23 Apr 2002	Scholl et al.	435	5	14 Sep 2000		
	10	6,472,206	29 Oct 2002	Scholl et al.	435	325	28 Apr 2000		
	11	6,610,474	26 Aug 2003	Huang	435	5	25 Apr 2002		
FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS									
		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation		
							Yes	No	
MM	12	EP 0 140 308	8 May 1985	EPO					
OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)									
MM	13	Benbacer et al. (1997) "Interspecies aminopeptidase-N chimerase reveal species-specific receptor recognition by canine coronavirus, feline infectious peritonitis virus, and transmissible gastroenteritis virus," J Virol, 71:734-737							
	14	Blondelle et al. (1995) "Soluble combinatorial libraries of organic, peptidomimetic and peptide diversities," Trends Anal Chem, 14:83-92							
	15	Chaloner-Larsson et al. "Establishment and maintenance of a persistent infection of L132 cells by human coronavirus strain 229E," (1981) Arch Virol, 69:117-129							
	16	Cole et al., (1985) "The EBV-Hybridoma Technique and Its Application to Human Lung Cancer," in Monoclonal Antibodies and Cancer Therapy, Alan R. Liss, Inc., pp 77-96							
	17	Compton et al. (1982) "Coronavirus species specificity: Murine coronavirus binds to a mouse-specific epitope on its carcinoembryonic antigen-related receptor glycoprotein," J Virol, 66:7420-7428							
	18	Cote et al. (1983) "Generation of human monoclonal antibodies reactive with cellular antigens," Proc Natl Acad Sci USA, 80:2026-2030							
	19	de Kruif et al. (1996) "Biosynthetically lipid-modified human scFv fragments from phage display libraries as targeting molecules for immunoliposomes," FEBS Lett, 399:232-236							
	20	Delmas et al. (1992) "Aminopeptidase N is a major receptor for the enteropathogenic coronavirus TGEV," Nature, 357:417-420							
	21	Ding et al. (1995) "Synthesis and biological activity of oligosaccharide libraries," Adv Exp Med Biol, 376:261-269							
	22	Drosten et al. (2003) "Identification of a novel coronavirus in patients with severe acute respiratory syndrome," N Engl J Med, 348:1967-1976							
	23	Dveksler et al. (1991) "Cloning of the mouse hepatitis virus (MHV) receptor: Expression in human and hamster cell lines confers susceptibility to MHV," J Virol, 65:6881-6891							
	24	Dveksler et al. (1995) "Mouse hepatitis virus receptor activities of an MHVR/MPH chimera and MHVR mutants lacking N-linked glycosylation of the N-terminal domain," J Virol, 69:543-546							
	25	Dveksler et al. (1996) "Expression of the recombinant anchorless N-terminal domain of mouse hepatitis virus (MHV) receptor makes hamster of human cells susceptible to MHV infection," J Virol, 70:4142-4145							
Examiner: MM					Date Considered: 9-17-08				
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.									

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OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

MM	26	Ecker and Crook (1995) "Combinatorial drug discovery: Which methods will produce the greatest value?" <i>Bio/Technology</i> 13:351-360
	27	Fields and Noble (1990) "Solid phase peptide synthesis utilizing 9-fluorenylmethoxycarbonyl amino acids," <i>Intl Peptide Protein Res</i> , 35:161-214
	28	Fouchier <i>et al.</i> (2003) "Koch's postulates fulfilled for SARS virus," <i>Nature</i> , 423:240
	29	Gleaves <i>et al.</i> (1992) "Detection of human cytomegalovirus in clinical specimens by centrifugation culture with a nonhuman cell line," <i>J Clin Microbiol</i> 30:1045-8
	30	Gordon <i>et al.</i> (1994) "Applications of combinatorial technologies to drug discovery. 2. Combinatorial organic synthesis, library screening strategies, and future directions," <i>J Med Chem</i> , 37:1385-1401
	31	Hambor <i>et al.</i> (1988) "Functional consequences of anti-sense RNA-mediated inhibition of CD8 surface expression in a human T cell clone," <i>J Exp Med</i> , 168:1237-1245
	32	Holmes and Lai (1996) "Coronaviridae: The Viruses and Their Replication," in <i>Fields Virology</i> , Third Edition, Lippincott-Raven, pp. 1075-1093
	33	Holmes <i>et al.</i> (2001) "Coronaviruses," in <i>Fields Virology</i> , Fourth Edition, Lippincott Williams & Wilkins, Chapter 36, pp. 1187-1203
	34	Huse <i>et al.</i> (1989) "Generation of a Large Combinatorial Library of the Immunoglobulin Repertoire in Phage Lambda," <i>Science</i> , 246:1275-1281
	35	Karaoglu <i>et al.</i> (1995) "Functional characterization of Ost3p. Loss of the 34-kD subunit of the <i>Saccharomyces cerevisiae</i> oligosaccharyltransferase results in biased underglycosylation of acceptor substrates," <i>J Cell Biol</i> , 130:567-577
	36	Köhler and Milstein (1975) "Continuous cultures of fused cells secreting antibody of predefined specificity," <i>Nature</i> , 256:495-497
	37	Koivunen <i>et al.</i> (1994) "Isolation of a highly specific ligand for the $\alpha\beta_1$ integrin from a phage display library," <i>J Cell Biol</i> , 124: 373-380
	38	Kolb <i>et al.</i> (1997) "Identification of residues critical for the human coronavirus 229E receptor function of human aminopeptidase N," <i>J Gen Virol</i> , 78:2795-2802
	39	Kontoyiannis <i>et al.</i> (2003) "Aminopeptidase N inhibitors and SARS," <i>Lancet</i> , 361:1558
	40	Kozbor <i>et al.</i> (1983) "The production of monoclonal antibodies from human lymphocytes," <i>Immunol Today</i> , 4:72
	41	Ksiazek <i>et al.</i> (2003) "A novel coronavirus associated with severe acute respiratory syndrome," <i>N Engl J Med</i> , 348:1953-1966
	42	Kuiken <i>et al.</i> (2003) "Newly discovered coronavirus as the primary cause of severe acute respiratory syndrome," <i>Lancet</i> , 362:263-270
	43	Liang <i>et al.</i> (1996) "Parallel synthesis and screening of a solid phase carbohydrate library," <i>Science</i> , 274:1520-1522
	44	Look <i>et al.</i> (1989) "Human myeloid plasma membrane glycoprotein CD13 (gp150) is identical to aminopeptidase N," <i>J Clin Invest</i> , 83:1299-1307
	45	Markus-Sekura (1988) "Techniques for using antisense oligodeoxynucleotides to study gene expression," <i>Anal Biochem</i> , 172:289-295
	46	Marra <i>et al.</i> (2003) "The genome sequence of the SARS-associated coronavirus," <i>Science</i> , 300:1399-1404
	47	Meienhofer, (1973) "Peptide synthesis: A review of the solid-phase method," in <i>Hormonal Proteins and Peptides</i> , Vol. II, Chapter 3, Academic Press (title and copyright pages only)
	48	Murphy and Chanock, (2001) "Immunization against viral diseases" in <i>Fields Virology</i> , Fourth Edition, Knipe and Howley, Lippincott Williams & Wilkins, Chapter 16, pp. 435-467
	49	Nakabayashi <i>et al.</i> (1982) "Growth of human hepatoma cell lines with differentiated function in chemically defined medium," <i>Cancer Res</i> , 42: 3858-3863
	50	Nakabayashi <i>et al.</i> (1984) "Phenotypical stability of a human hepatoma cell line, HuH-7, in long-term culture with chemically defined medium," <i>Gann</i> , 75: 151-158 (abstract only)
	51	Nakabayashi <i>et al.</i> (1985) "Hormonal control of α -fetoprotein secretion in human hepatoma cell lines proliferating in chemically defined medium," <i>Cancer Res</i> . 45:6379-6383
	52	Palache <i>et al.</i> (1997) "Immunogenicity and reactogenicity of influenza subunit vaccines produced in MDCK cells or fertilized chicken eggs," <i>J Infect Dis</i> , 176(Suppl 1):S20-S23
	53	Peiris <i>et al.</i> (2003) "Coronavirus as a possible cause of severe acute respiratory syndrome," <i>Lancet</i> , 361:1319-1325
	54	Poon <i>et al.</i> (2003) "Rapid diagnosis of a coronavirus associated with severe acute respiratory syndrome (SARS)," <i>Clin Chem</i> , 49:953-955
	55	Poutanen <i>et al.</i> (2003) "Identification of severe acute respiratory syndrome in Canada," <i>N Engl J Med</i> , 348:1995-2005

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OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

MM	56	Rota <i>et al.</i> (2003) "Characterization of a novel coronavirus associated with severe acute respiratory syndrome," <i>Science</i> , 300:1394-1399
	57	Sawicki and Sawicki (1995) "Coronaviruses use discontinuous extension for synthesis of subgenome-length negative strands," <i>Adv Exp Med Biol</i> , 380:499-506
	58	Sawicki and Sawicki (1998) "A new model for coronavirus transcription," <i>Adv Exp Biol</i> , 440:215-219
	59	Sawicki <i>et al.</i> (2001) "The RNA structures engaged in replication and transcription of the A59 strain of mouse hepatitis virus," <i>J Gen Virol</i> , 385-96
	60	Snijder <i>et al.</i> (2003) "Unique and conserved features of genome and proteome of SARS-coronavirus, an early split-off from the coronavirus group 2 lineage," <i>J Mol Biol</i> , 331:991-1004
	61	Thiel <i>et al.</i> (2003) "Mechanisms and enzymes involved in SARS coronavirus genome expression," <i>J Gen Virol</i> , 84:2305-2315
	62	Tresnan <i>et al.</i> (1996) "Feline aminopeptidase N serves as a receptor for feline, canine, porcine, and human coronaviruses in serogroup I," <i>J Virol</i> , 70:8669-8674
	63	Ward <i>et al.</i> (1989) "Binding activities of a repertoire of single immunoglobulin variable domains secreted from <i>Escherichia coli</i> ," <i>Nature</i> , 341:544-546
	64	Wentworth <i>et al.</i> (2001) "Molecular determinants of species specificity in the coronavirus receptor aminopeptidase N (CD13): Influence of N-Linked glycosylation," <i>J Virol</i> , 75:9741-9752
	65	Williams <i>et al.</i> (1990) "Purification of the 110-kilodalton glycoprotein receptor for mouse hepatitis virus (MHV)-A59 from mouse liver and identification of a nonfunctional, homologous protein in MHV-resistant SJL/J mice," <i>J Virol</i> , 64:3817-3823
	66	Williams <i>et al.</i> (1991) "Receptor for mouse hepatitis virus is a member of the carcinoembryonic antigen family of glycoproteins," <i>Proc Natl Acad Sci USA</i> , 88:5533-5536
	67	Winter and Harris (1993) "Humanized antibodies," <i>Immunol Today</i> , 14:243-246
	68	Yeager <i>et al.</i> (1992) "Human aminopeptidase N is a receptor for human coronavirus 229E," <i>Nature</i> , 357:420-422 (abstract only)
	69	York <i>et al.</i> (1996) "The structures of arabinoxyloglucans produced by solanaceous plants," <i>Carb Res</i> , 285:99-128
	70	Yount <i>et al.</i> (2003) "Reverse genetics with a full-length infectious cDNA of severe acute respiratory syndrome coronavirus," <i>Proc Natl Acad Sci USA</i> , 100:12995-13000
	71	Yu <i>et al.</i> (2003) "Putative hAPN receptor binding sites in SARS CoV spike protein," <i>Acta Pharmacol Sin</i> , 24:481-488
✓	72	Zeng <i>et al.</i> (2003) "The complete genome sequence of severe acute respiratory syndrome coronavirus strain HKU-39849 (HK-39)," <i>Exp Biol Med</i> , 228:866-73
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